

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listing of claims, in the Application.

Listing of claims:

1. (Currently amended) A method of automatically identifying participants at a conference who exhibit a particular expression during a speech comprising ~~the steps of:~~

receiving from a user input data which specifies ~~indicating~~ the particular expression during the speech; and

identifying whether at least one participant exhibits the particular expression during the speech, said identifying including:

analyzing data representing the participants to generate a set of action units (AUs) for each participant wherein each set of AUs for a participant represents an expression exhibited by the participant;

determining whether at least one of the participants exhibits the particular facial expression by processing each set of generated AUs utilizing an automated facial decoding system; and

displaying, in response to determining that at least one of the participants exhibits the particular facial expression, the at least one participant to the user

~~recording the participants, the recording including both audio and video signals;~~

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~~determining, using the recording of the participants in conjunction with an automated facial decoding system, whether at least one participant exhibits the particular expression; and~~

~~identifying the at least one participant who exhibits the particular expression.~~

2. (Currently amended) The method of Claim 1 wherein the recorded video and audio signals data representing the at least one participant is are passed through a cultural regional/cultural filter to filter out expressions that are characteristic to a culture before the at least one participant is displayed to the user identified.
3. (Currently amended) The method of Claim 2 wherein the recorded video and audio signals data representing the at least one participant is further are passed through an individual filter to filter out expressions that are characteristic to the at least one participant before the at least one participant is displayed to the user identified.
4. Canceled.
5. Canceled.
6. (Currently amended) The method of Claim [[5]] 3 wherein ~~the identifying step includes the step of displaying an image as well as a~~ a name and location of the at least one participant individual are also displayed to the user.
7. Canceled.

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8. (Currently amended) A computer program product on a computer readable medium for automatically identifying participants at a conference who exhibit a particular expression during a speech comprising:

code means for receiving from a user input data which specifies indicating the particular expression during the speech; and

code means for identifying whether at least one participant exhibits the particular expression during the speech, said code means for identifying including:

code means for analyzing data representing the participants to generate a set of action units (AUs) for each participant wherein each set of AUs for a participant represents an expression exhibited by the participant;

code means for determining whether at least one of the participants exhibits the particular facial expression by processing each set of generated AUs utilizing an automated facial decoding system; and

code means for displaying, in response to determining that at least one of the participants exhibits the particular facial expression, the at least one participant to the user

~~code means for recording the participants, the recording including both audio and video signals;~~

~~code means for determining, using the recording of the participants in conjunction with an automated facial decoding system, whether at least one participant exhibits the particular expression; and~~

~~code means for identifying the at least one participant who exhibits the particular expression.~~

9. (Currently amended) The computer program product of Claim 8 wherein the recorded video and audio signals data representing the at least one participant is are passed through a cultural regional/cultural filter to filter out expressions that are characteristic to a culture before the at least one participant is displayed to the user identified.
10. (Currently amended) The computer program product of Claim 9 wherein the recorded video and audio signals data representing the at least one participant is further are passed through an individual filter to filter out expressions that are characteristic to the at least one participant before the at least one participant is displayed to the user identified.
11. Canceled.
12. Canceled.
13. (Currently amended) The computer program product of Claim ~~[[12]]~~ 10 wherein the ~~identifying step includes the step of displaying an image as well as a~~ name and location of the at least one participant individual are also displayed to the user.
14. Canceled.

15. (Currently amended) An apparatus for automatically identifying participants at a conference who exhibit a particular expression during a speech comprising:

means for receiving from a user input data which specifies indicating the particular expression during the speech; and

means for identifying whether at least one participant exhibits the particular expression during the speech, said code means for identifying including:

means for analyzing data representing the participants to generate a set of action units (AUs) for each participant wherein each set of AUs for a participant represents an expression exhibited by the participant;

means for determining whether at least one of the participants exhibits the particular facial expression by processing each set of generated AUs utilizing an automated facial decoding system; and

means for displaying, in response to determining that one of the participants exhibits the particular facial expression, the at least one participant to the user

~~means for recording the participants, the recording including both audio and video signals;~~

~~means for determining, using the recording of the participants in conjunction with an automated facial decoding system, whether at least one participant exhibits the particular expression; and~~

~~means for identifying the at least one participant who exhibits the particular expression.~~

16. (Currently amended) The apparatus of Claim 15 wherein the recorded video and audio signals data representing the at least one participant is are passed through a cultural ~~regional/cultural~~ filter to filter out expressions that are characteristic to a culture before the at least one participant is displayed to the user ~~identified~~.
17. (Currently amended) The apparatus of Claim 16 wherein the recorded video and audio signals data representing the at least one participant is further ~~are~~ passed through an individual filter to filter out expressions that are characteristic to the at least one participant before the at least one participant is displayed to the user ~~identified~~.
18. Canceled.
19. Canceled.
20. (Currently amended) The apparatus of Claim ~~[[19]]~~ 17 wherein ~~the identifying step includes the step of displaying an image as well as a~~ name and location of the at least one participant ~~individual~~ are also displayed to the user.
21. Canceled.
22. (Currently amended) A system for automatically identifying participants at a conference who exhibit a particular expression during a speech comprising:

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at least one storage system for storing code data; and

at least one processor for processing the code data to receive from a user input data which specifies indicate the particular expression during the speech, and to identify whether at least one participant exhibits the particular expression during the speech, wherein to identify whether the at least one participant exhibits the particular expression includes to analyze data representing the participants to generate a set of action units (AUs) for each participant wherein each set of AUs for a participant represents an expression exhibited by the participant, to determine whether at least one of the participants exhibits the particular facial expression by processing each set of generated AUs utilizing an automated facial decoding system, and to display, in response to determining that one of the participants exhibits the particular facial expression, the at least one participant to the user ~~record the participants, the recording including both audio and video signals, to determine, using the recording of the participants in conjunction with an automated facial decoding system, whether at least one participant exhibits the particular expression, and to identify the at least one participant who exhibits the particular expression.~~

23. (Currently amended) The system of Claim 22 wherein the recorded video and audio signals data representing the at least one participant is are passed through a cultural regional/cultural filter to filter out expressions that are characteristic to a culture before the at least one participant is displayed to the user identified.
24. (Currently amended) The system of Claim 23 wherein the recorded video and audio signals data representing the at least one participant is further are passed through an individual filter to filter out expressions that are

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- characteristic to the at least one participant before the at least one participant is displayed to the user identified.
25. Canceled.
26. Canceled.
27. (Currently amended) The system of Claim ~~[[26]]~~ 24 wherein ~~the identifying step includes the step of displaying an image as well as a~~ name and location of the at least one participant individual are also displayed to the user.
28. Canceled.